

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	(motor and winding and stator and rotor and (speed or run\$4) and test\$4 and voltage).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 16:36
S2	2	(motor and winding and stator and rotor and (speed or run\$4) and test\$4 and voltage).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 16:36
S3	1	"20040212392"	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/27 13:21
S4	2552	(motor and winding and stator and rotor and (speed or run\$4) and test\$4 and voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:28
S5	33	S4 AND RUNOUT	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 16:52
S6	2	(motor and winding and stator and rotor and (speed or run\$4) and test\$4 and voltage).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 16:36
S7	13	(motor and winding and stator and rotor and (speed or run\$4) and test\$4 and voltage).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 16:36
S8	0	S5 AND S6	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 16:36
S9	1	S5 AND S7	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 16:36
S10	27	S4 AND RUNOUT AND energiz\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:02
S11	3	S4 AND RUNOUT AND (NON ADJ energiz\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 16:52
S12	20	S4 AND RUNOUT AND energiz\$4 AND FREE\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:09
S13	2	S4 AND RUNOUT AND energiz\$4 AND (ROTOR NEAR2 FREE\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:04
S14	22	S4 AND RUNOUT AND energiz\$4 AND INDUC\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:08
S15	19	S4 AND RUNOUT AND energiz\$4 AND FREE\$2 AND INDUC\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:25

## EAST Search History

S16	16	S4 AND RUNOUT AND energiz\$4 AND FREE\$2 AND INDUC\$4 AND (spindle NEAR2 motor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:26
S17	1	S16 AND S7	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:26
S18	44	S4 AND STATOR ADJ SIDE	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:29
S19	1	S16 AND S18	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:29
S20	35	S18 AND INDUC\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:29
S21	1	S18 AND (VOLTAGE WITH ROTOR WITH FREE\$2).CLM.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:30
S22	50	(VOLTAGE WITH ROTOR WITH FREE\$2).CLM.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:30
S23	3	(VOLTAGE WITH ROTOR WITH (RUN\$4 ADJ FREE\$2)).CLM.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:35
S24	0	(VOLTAGE WITH ROTOR WITH (RUN\$4 ADJ FREE\$2)).AB.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:35
S25	0	(VOLTAGE WITH ROTOR WITH (RUN\$4 ADJ FREE\$2)).TI.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:38
S26	8	(RUNOUT WITH (ROTOR OR MOTOR)).TI.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 18:17
S27	10	("3488581" "3889504" "4183060" "4300226" "4527263" "4527263" "5365458" "5761821" "6683744" "6895656").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 17:48
S28	10	("3604248" "4495448" "5171984" "5262717" "5864238" "6035263" "6046602" "6452416" "6563281" "6642739").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 18:18
S29	68	((SPIN OR SPINDLE) ADJ MOTOR) NEAR2 TEST\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 18:37
S30	68	((((SPIN OR SPINDLE) ADJ MOTOR) NEAR2 TEST\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 18:37

## EAST Search History

S31	2	((SPIN OR SPINDLE) ADJ MOTOR) NEAR2 TEST\$4) AND (MOTOR ADJ MOUNT)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/28 18:38
S32	0	((rotational with position with rotor) and runout).clm.	USPAT	OR	OFF	2006/10/28 19:42
S33	12	(rotational with position with runout).clm.	USPAT	OR	OFF	2006/10/28 19:43
S34	0	(rotational with position with runout).ti.	USPAT	OR	OFF	2006/10/28 19:43
S35	4	(rotational with position with runout).ab.	USPAT	OR	OFF	2006/10/28 19:45
S36	2	S33 and S35	USPAT	OR	OFF	2006/10/28 19:45
S37	8	("4495448" "5262717" "5864238" "6035263" "6046602" "6452416" "6563281" "6642739").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:01
S38	5	("4156188" "4670698" "4857814" "5541787" "6140790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:09
S39	2	("3604248" "5171984").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:08
S40	15	S37 or S38 or S39	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:01
S41	6	(detect\$4 near2 runout).ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:02
S42	0	(detect\$4 near2 runout).ti. and (rotor or statot)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:02
S43	0	(detect\$4 near2 runout).ti. and (rotor or stator)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 17:03
S44	0	(detect\$4 near2 runout).ti. and (rotor or stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:03
S45	0	(detect\$4 near2 runout).ab. and (rotor or stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:03
S46	15	(detect\$4 near2 runout).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:09
S47	0	S46 and (rotor or stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:03

## EAST Search History

S48	18	(detect\$4 near2 runout).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:07
S49	2	S48 and (rotor or stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:04
S50	1	(detect\$4 near2 runout) with (rotor or stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:09
S51	0	S40 and (detect\$4 near2 runout)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:09
S52	0	S40 and (runout) with (rotor or stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:10
S53	12	S40 and (rotor or stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:12
S54	6	S40 and (rotor and stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:14
S55	6	S40 and (rotor same stator)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:15
S56	2	S40 and (rotor same stator) with (distance or spac\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:17
S57	1	S40 and (rotor same stator) with (distance or spac\$3) and (revolution or rotation\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:18
S58	1	S40 and (rotor same stator) with (distance or spac\$3) and (revolution or rotation\$3 or rotat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 17:18
S59	9	("3488581" "3889504" "4183060" "4300226" "4527263" "4527263" "5365458" "5761821" "6683744" "6895656").PN.	USPAT	OR	OFF	2007/03/14 18:41
S60	0	(spindle adj2 motor) and (stator with roror) and capacit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:42

## EAST Search History

S61	0	(sdisk) and (stator with roror) and capacit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:42
S62	1	(disk) and (stator with roror) and capacit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:51
S63	1826	Hall adj generators	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:52
S64	106	(Hall adj generators) near2 (stator or rotor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:52
S65	0	(Hall adj generators) near2 (stator or rotor) and (spindle adj motor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:53
S66	38	((Hall adj generators) near2 (stator or rotor)) and capacit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:53
S67	39	((Hall adj generators) near2 (stator or rotor)) and capacit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:56

## EAST Search History

S68	0	((Hall adj generators) near2 (stator or rotor)) with capacit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:53
S69	1	((Hall adj generators) near2 (stator or rotor)) same capacit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 18:54
S70	542	(zero adj cross\$3) with voltage and (stator or rotor) and position\$3 and (revolution or rotat\$3 or rotational)	USPAT	OR	ON	2007/03/14 19:26
S71	587	(zero adj cross\$3) with voltage and (stator and rotor) and position\$3 and (revolution or rotat\$3 or rotational)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:27
S72	122	(zero adj cross\$3) with voltage and (stator and rotor) and position\$3 and (revolution or rotat\$3 or rotational) and (spindle near2 motor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:28
S73	101	(zero adj cross\$3) with voltage and (stator and rotor) and position\$3 and (revolution or rotat\$3 or rotational) and (spindle near2 motor) and pole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:29
S74	52	(zero adj cross\$3) with voltage and (stator and rotor) and position\$3 and (revolution or rotat\$3 or rotational) and (spindle near2 motor) and pole and (synchronization or synchroniz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:31

## EAST Search History

S75	0	S63 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:31
S76	11	(zero adj cross\$3) with voltage and (stator and rotor) and position\$3 and (revolution or rotat\$3 or rotational) and (spindle near2 motor) and pole and (synchronization or synchroniz\$3) and capacit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:34
S77	24	"5171984"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 19:34